

CLAIM LISTING

1. (Previously presented) A concrete formwork panel comprising:
a high-density polyethylene plastic core;
a steel facing layer attached to said plastic core;
a metal backing layer attached to said plastic core;
said panel being thicker than 7 millimeters (mm).
2. (Original) A concrete formwork panel as in claim 1 wherein said panel ranges from 9 mm to 15 mm thick.
3. (Original) A concrete formwork panel as in claim 1 wherein said panel is 12 mm thick.
4. (Previously presented) A concrete formwork panel as in claim 1 wherein said panel has a density such that a panel that is 8 feet (2.43 meters) by 2 feet (0.6 meters) weighs 77 pounds or less.
5. (Previously presented) A concrete formwork panel as in claim 1 wherein said metal backing layer is steel.
6. (Previously presented) A concrete formwork panel as in claim 1 wherein one of said steel facing layer and said metal backing layer is made of 0.009 inch (0.23 mm) steel.
7. (Previously presented) A concrete formwork panel as in claim 1 wherein one of said steel facing layer and said metal backing layer is made of 0.013 inch (0.33 mm) steel.
8. (Previously presented) A concrete formwork panel as in claim 1 wherein one of said steel facing layer and said metal backing layer is made of 0.019 inch (0.48 mm) steel.
9. (Previously presented) A concrete formwork panel as in claim 1 wherein said metal backing layer is aluminum.
10. (Original) A concrete formwork panel as in claim 1 wherein said plastic is foam plastic.
11. (Previously presented) A concrete formwork panel as in claim 10 wherein

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said foam plastic is 40% or more gas, by volume.

12. (Previously presented) A concrete formwork panel as in claim 10 wherein said foam plastic is 50% or more gas, by volume.

13. (Canceled)

14. (Original) A concrete formwork panel as in claim 1 wherein said panel is bent to form a flange.

15. (Original) A concrete formwork panel as in claim 14 wherein said flange has openings formed in it.

16. (Original) A concrete formwork panel as in claim 14 wherein said panel is notched at said bend.

17. (Original) A concrete formwork panel as in claim 16 wherein said bend is a 90° bend.

18. (Previously presented) A concrete formwork panel as in claim 14 wherein said panel includes a panel end, said panel is bent twice to form a first bend and a second bend, said second bend being closer to said panel end than said first bend, said second bend being substantially 180° so that said panel is bent back on itself to form a double-thick flange comprising a first portion of said panel between said first bend to said second bend and a second portion of said panel between said second bend to said panel end.

19. (Original) A concrete formwork panel as in claim 1 wherein said panel is bent into a hollow columnar form.

20. (Original) A concrete formwork panel as in claim 19 wherein said columnar form is cylindrical.

21. (Previously presented) A concrete formwork panel as in claim 19 wherein said panel has a first end and a second end, a first plastic portion extending beyond said facing at said first end, an exposed first backing portion extending beyond said first plastic portion and said facing at said first end, a second plastic portion extending beyond said backing at said second end, an exposed second facing portion extending beyond said second plastic portion and said backing at said second end, and said first and second ends are joined with said first and second plastic portions abutting at their distal ends, said first

backing portion of said first end overlapping said second plastic portion of said second end, and said second facing portion of said second end overlapping said first plastic portion of said first end.

22. (Previously presented) A concrete formwork panel as in claim 1 wherein said facing has a recessed or raised portion forming a design to be impressed in concrete.

23. (Original) A concrete formwork panel as in claim 1 and further including a strengthening rib attached to said metal backing layer.

24. (Previously presented) A concrete formwork panel as in claim 23 wherein said strengthening rib includes a handhold portion adapted to be graspable by a human hand.

25. (Original) A concrete formwork panel as in claim 1 wherein said facing and said backing are attached to said plastic with adhesive.

26. (Original) A concrete formwork system comprising a plurality of concrete formwork panels as in claim 1 and a plurality of fasteners fastening said plurality of panels together.

27. (Original) A concrete formwork system as in claim 26 and further comprising a support framework adjacent said backing.

28. (Original) A concrete formwork system as in claim 27 wherein said framework comprises steel frame members.

Claims 29 – 38 (Canceled)

39. (Previously presented) A concrete formwork panel comprising:
a foam plastic core;
a metal facing layer attached to said plastic core;
a metal backing layer attached to said plastic core;
wherein said foam plastic is 32% or more gas, by volume.

40. (Previously presented) A concrete formwork panel as in claim 39 wherein said foam plastic is 40% or more gas, by volume.

41. (Previously presented) A concrete formwork panel as in claim 39 wherein said foam plastic is 50% or more gas, by volume.

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42. (Previously presented) A concrete formwork panel as in claim 39 wherein said plastic is high-density polyethylene.

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